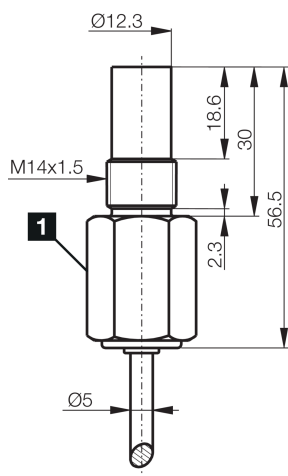




200314
DCC 14 V 03 PSK 500
Inductive proximity sensor

- High-pressure resistant version up to 500 bar
- Stainless steel housing
- Sensing surface ZrO₂-ceramic
- Highly flexible cable
- Integrated amplifier
- Short-circuit protection
- Starting pulse suppression



1) Width over flats 19 mm

BK: black

BN: brown

BU: blue

Function



Technical data (typ.)

+20°C, 24 V DC

Service voltage	10 ... 30 V DC
Internal power consumption	< 10 mA
Insulation voltage endurance	According to IEC 60947-5-2 (7.2.3.1)
Installation type	Flush
Thread	M14 x 1.5
Housing length	56.5 mm
Housing material	Stainless steel / ZrO ₂ ceramic
Protection class	III, operation on protective low voltage
Operating principle	inductive
Evaluation	digital
Design	Thread
Characteristics	< 500 bar, high-pressure resistant
Product series	INP High-pressure resistant
Switching output	pnp, 200 mA, NO
Voltage drop (max.)	2 V
Switching distance (SN)	3 mm
Standardized measuring plate	14 x 14 x 1 mm
Switching hysteresis (max.)	10 %
Switching frequency	500 Hz
Ambient temperature during operation	-25 ... +80 °C



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Technical data (typ.)

+20°C, 24 V DC

Protection type

IP 68

Connection

Cable, 2.0 m (flying leads)

More information / accessories

<https://www.di-soric.com/200314>